

Title (en)
ELECTRIC MOTOR

Title (de)
ELEKTROMOTOR

Title (fr)
MOTEUR ELECTRIQUE

Publication
EP 1414132 A4 20080220 (EN)

Application
EP 02745954 A 20020711

Priority
• JP 0207042 W 20020711
• JP 2001210071 A 20010711

Abstract (en)
[origin: EP1414132A1] At least either a stator (10) or the rotor (20), formed of a concentrated winding, is formed with a skew, and a winding vibration damping body (18) is inserted between windings (13) of different phases within a winding groove (19) and contacted therewith.

IPC 8 full level
H02K 3/52 (2006.01); **H02K 1/14** (2006.01); **H02K 1/18** (2006.01); **H02K 1/22** (2006.01); **H02K 1/27** (2006.01); **H02K 3/34** (2006.01); **H02K 15/02** (2006.01); **H02K 21/16** (2006.01)

CPC (source: EP US)
H02K 1/146 (2013.01 - EP US); **H02K 3/522** (2013.01 - EP US); **H02K 15/022** (2013.01 - EP US); **H02K 2201/06** (2013.01 - EP US)

Citation (search report)
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Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 1414132 A1 20040428; EP 1414132 A4 20080220; EP 1414132 B1 20101027; DE 60238122 D1 20101209; JP 2003032939 A 20030131; JP 4942259 B2 20120530; US 2004195926 A1 20041007; US 6952064 B2 20051004; WO 03007457 A1 20030123

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EP 02745954 A 20020711; DE 60238122 T 20020711; JP 0207042 W 20020711; JP 2001210071 A 20010711; US 48365804 A 20040519